

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
 Data File : BM021695.D
 Acq On : 29 Jul 2019 14:56
 Operator : HP/JU
 Sample : K3863-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52H9

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.857	653	658	670	rVB	433352	763036	24.22%	2.224%
2	7.028	682	687	700	rVB	354403	607714	19.29%	1.772%
3	7.216	713	719	730	rVB	522474	835669	26.52%	2.436%
4	7.681	793	798	806	rVB	494278	764307	24.26%	2.228%
5	8.392	913	919	929	rVB	481739	804535	25.53%	2.345%
6	8.845	990	996	1005	rVB	525718	873761	27.73%	2.547%
7	9.557	1111	1117	1132	rVB	437388	731213	23.21%	2.132%
8	10.092	1201	1208	1226	rVB	642990	1170574	37.15%	3.412%
9	10.463	1264	1271	1279	rVB	728886	1177442	37.37%	3.432%
10	10.622	1291	1298	1312	rBV	463831	923936	29.32%	2.693%
11	12.063	1539	1543	1550	rVB5	7047	13211	0.42%	0.039%
12	13.745	1823	1829	1834	rBV	1328262	1840398	58.41%	5.365%
13	13.792	1834	1837	1847	rVB	388215	526137	16.70%	1.534%
14	14.021	1869	1876	1887	rVB	1544475	2239756	71.08%	6.529%
15	14.210	1903	1908	1912	rBV4	2214	3348	0.11%	0.010%
16	14.327	1921	1928	1937	rBV2	1210479	1747115	55.45%	5.093%
17	14.562	1960	1968	1986	rBV	220460	482457	15.31%	1.406%
18	15.092	2054	2058	2061	rBV3	3653	4868	0.15%	0.014%
19	15.168	2068	2071	2075	rVB3	5142	6093	0.19%	0.018%
20	15.262	2080	2087	2091	rBV4	3166	5313	0.17%	0.015%
21	15.327	2091	2098	2107	rBV	1966166	2800989	88.89%	8.165%
22	15.468	2116	2122	2134	rBV	342297	496350	15.75%	1.447%
23	15.568	2134	2139	2144	rVB2	17900	24305	0.77%	0.071%
24	16.033	2214	2218	2220	rBV4	5537	6727	0.21%	0.020%
25	16.115	2228	2232	2236	rVB3	5255	6742	0.21%	0.020%
26	16.445	2282	2288	2292	rBV4	1942	3480	0.11%	0.010%
27	16.492	2292	2296	2299	rBV4	3539	6066	0.19%	0.018%
28	16.751	2338	2340	2345	rBV4	2577	3639	0.12%	0.011%
29	16.827	2350	2353	2357	rBV4	4214	5813	0.18%	0.017%
30	16.868	2357	2360	2364	rBV3	4469	6258	0.20%	0.018%
31	16.986	2377	2380	2385	rBV5	3972	6654	0.21%	0.019%
32	17.080	2390	2396	2407	rVV2	1501655	2051542	65.11%	5.980%
33	17.180	2407	2413	2424	rBV2	2009880	2897388	91.95%	8.446%
34	17.562	2476	2478	2484	rBV6	3895	8008	0.25%	0.023%

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35	17.721	2501	2505	2509	rBV4	3548	4959	0.16%	0.014%
36	17.850	2524	2527	2530	rBV5	5812	7751	0.25%	0.023%
37	17.921	2537	2539	2543	rVB5	3467	3898	0.12%	0.011%
38	17.974	2543	2548	2558	rBV	225094	366620	11.64%	1.069%
39	18.256	2594	2596	2600	rBV3	4321	5589	0.18%	0.016%
40	18.474	2630	2633	2635	rBV3	2908	3371	0.11%	0.010%
41	18.897	2703	2705	2708	rVB3	6658	6323	0.20%	0.018%
42	19.115	2738	2742	2745	rBV	22705	30479	0.97%	0.089%
43	19.256	2762	2766	2775	rBV2	78241	142288	4.52%	0.415%
44	19.362	2781	2784	2789	rBV	13179	20766	0.66%	0.061%
45	19.480	2798	2804	2813	rBV	2377536	3150955	100.00%	9.185%
46	20.015	2889	2895	2901	rBV7	26584	53382	1.69%	0.156%
47	20.986	3056	3060	3068	rBV2	188395	314999	10.00%	0.918%
48	21.280	3105	3110	3119	rBV	1300678	1801365	57.17%	5.251%
49	21.844	3204	3206	3209	rBV	74009	80500	2.55%	0.235%
50	22.809	3367	3370	3376	rVB	215209	292334	9.28%	0.852%
51	23.374	3460	3466	3474	rVB	1389473	2509830	79.65%	7.316%
52	23.515	3484	3490	3500	rVB	886812	1664736	52.83%	4.853%

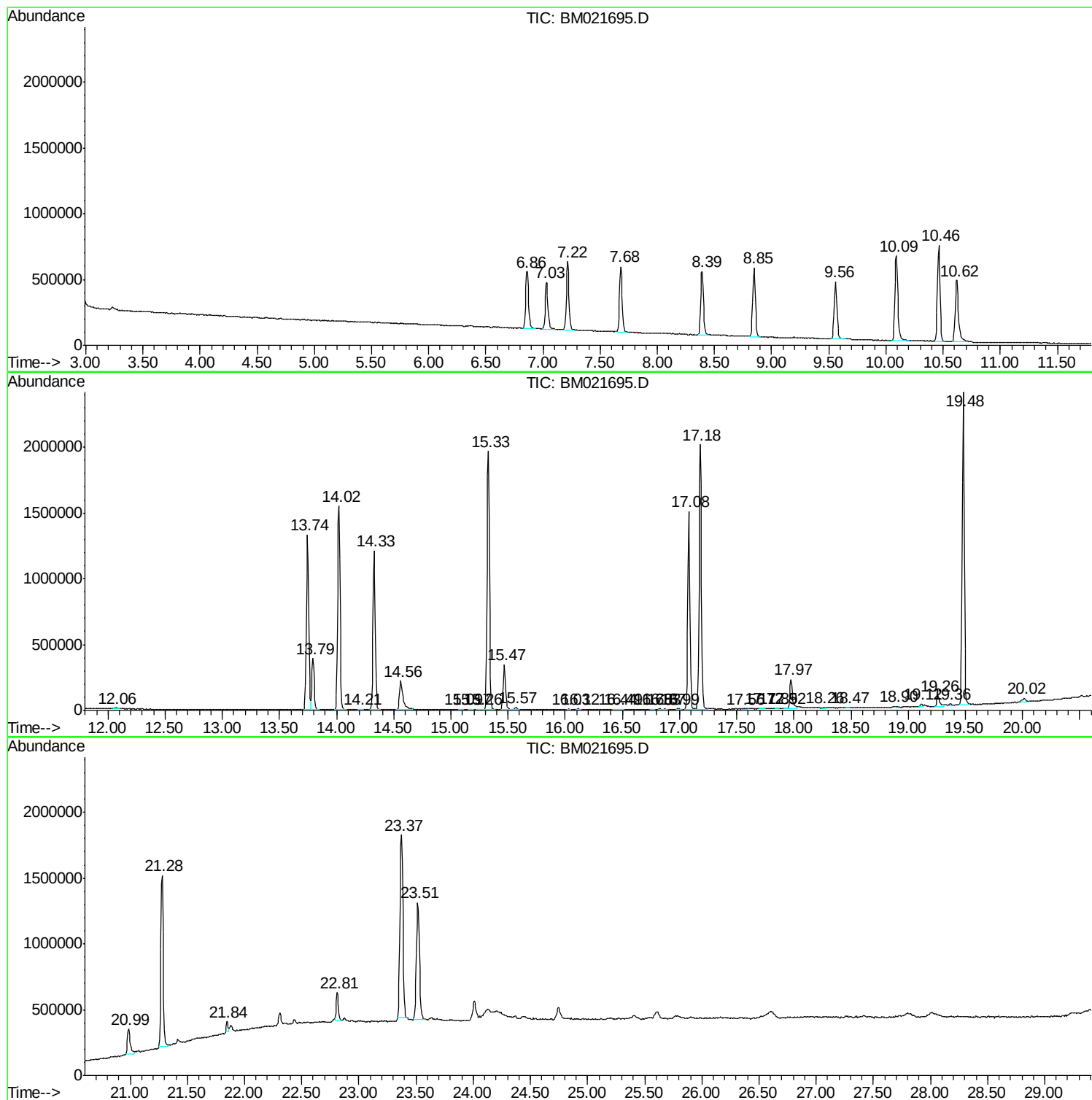
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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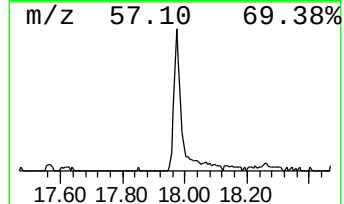
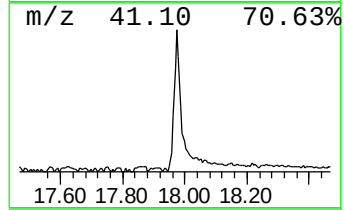
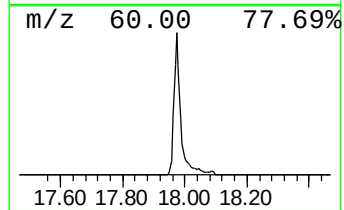
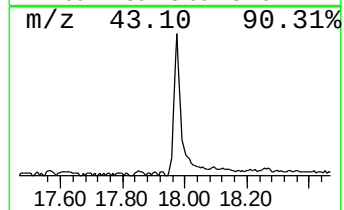
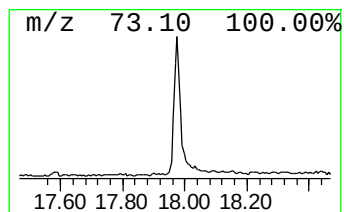
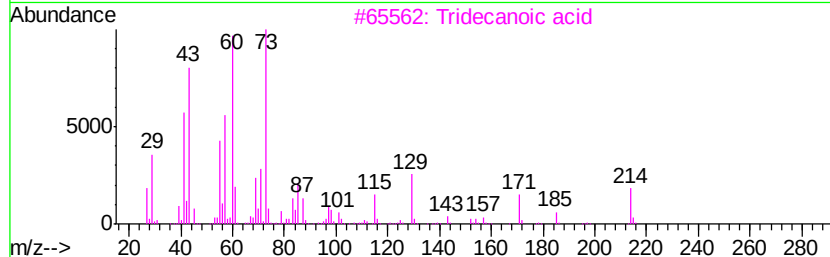
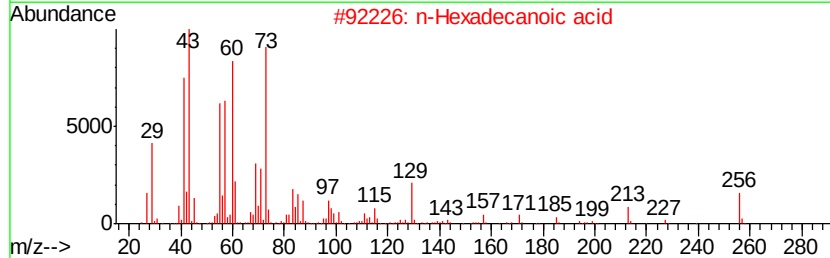
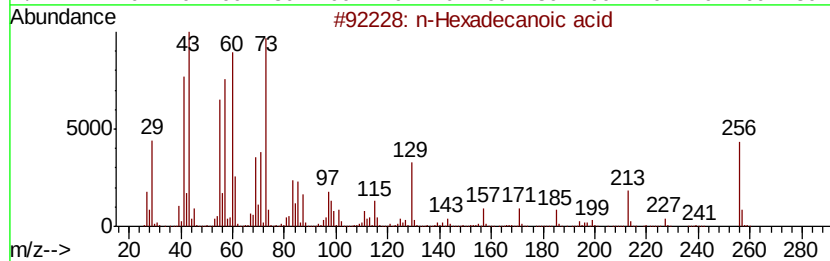
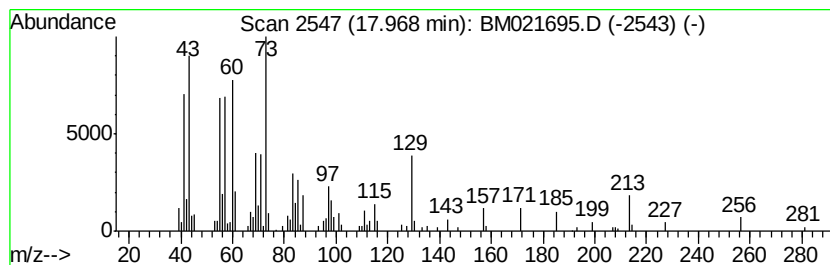
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.97	3.57 ng/ul	366620	Phenanthrene-d10		17.08		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3			Tridecanoic acid	214	C13H26O2	000638-53-9	76
4			n-Decanoic acid	172	C10H20O2	000334-48-5	70
5			Tridecanoic acid	214	C13H26O2	000638-53-9	70



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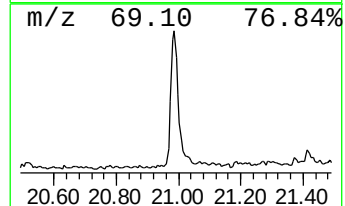
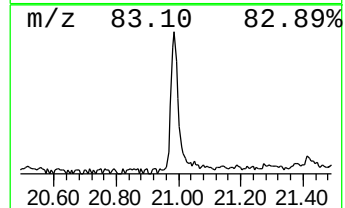
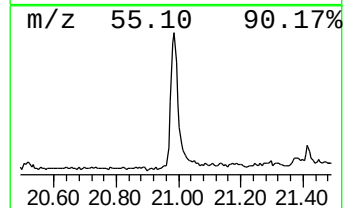
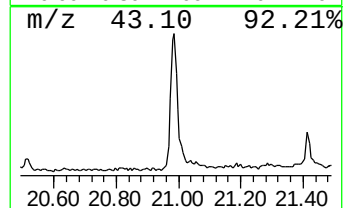
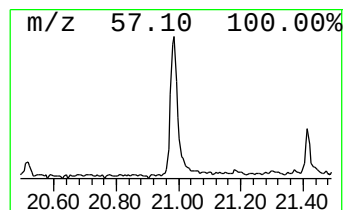
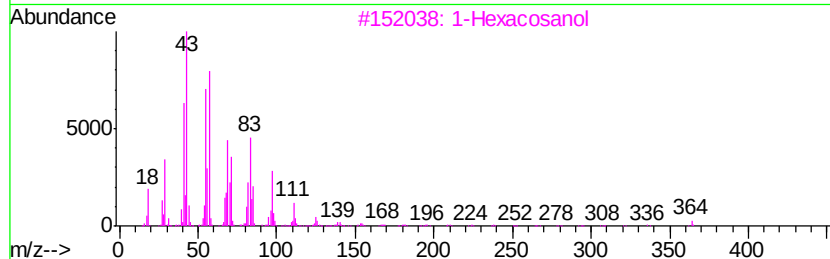
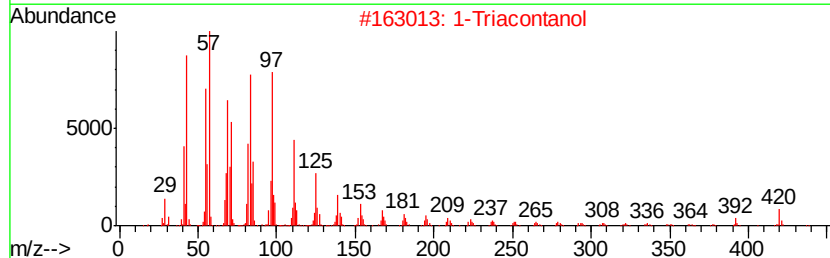
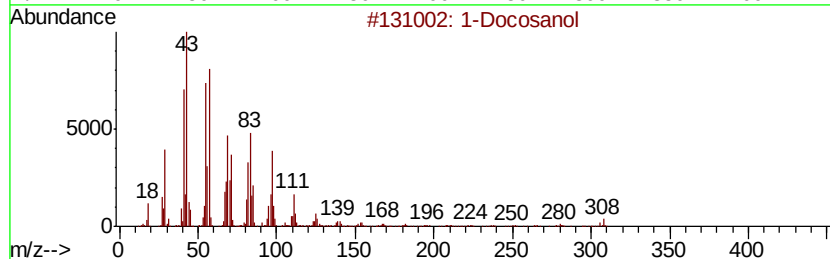
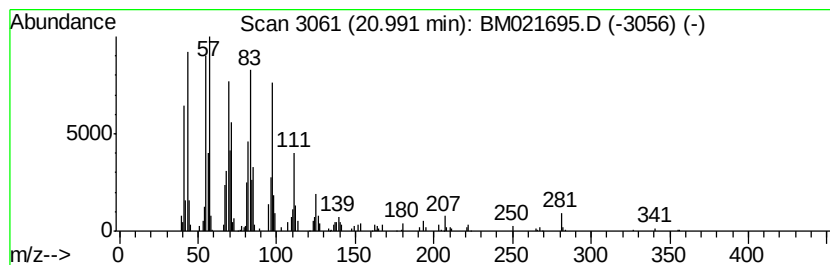
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 1-Docosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.50 ng/ul	314999	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosanol	326	C22H46O	000661-19-8	87
2		1-Triacontanol	438	C30H62O	000593-50-0	87
3		1-Hexacosanol	382	C26H54O	000506-52-5	87
4		1-Tetracosanol	354	C24H50O	000506-51-4	87
5		1-Hentetracontanol	593	C41H84O	040710-42-7	83



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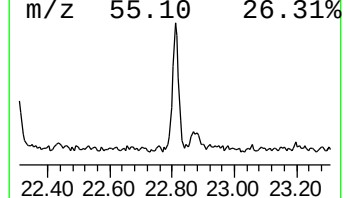
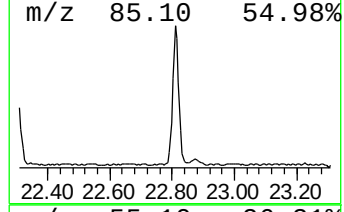
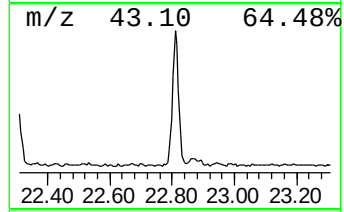
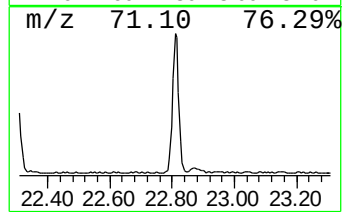
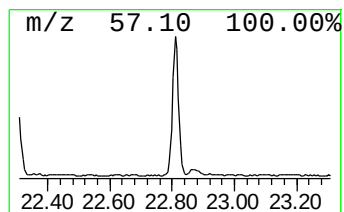
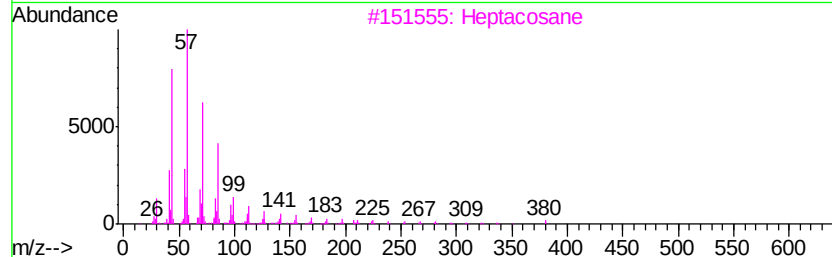
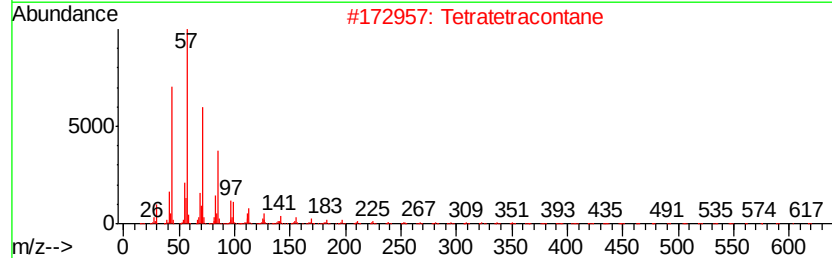
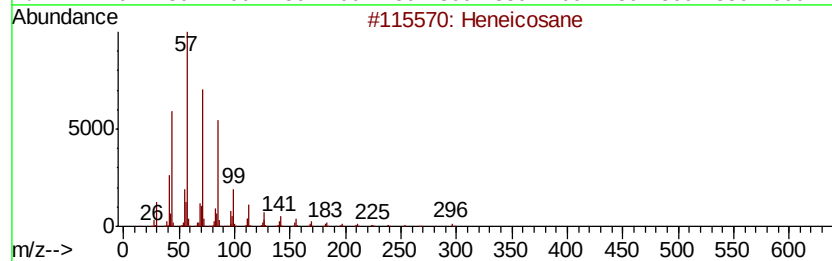
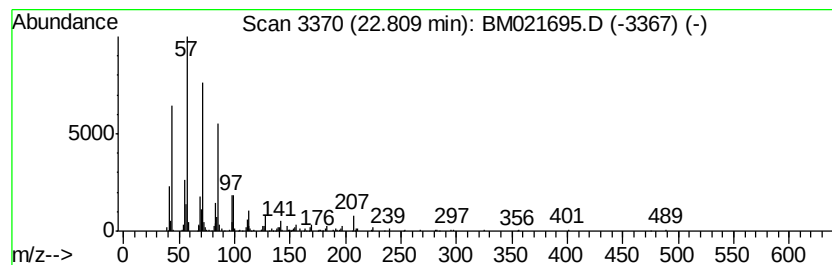
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.81	3.51 ng/ul	292334	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Heptacosane	380	C27H56	000593-49-7	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Docosane	310	C22H46	000629-97-0	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.97	3.6	ng/ul	366620	4	17.08	2051540	20.0
1-Docosanol	20.99	3.5	ng/ul	314999	5	21.28	1801370	20.0
(DEL) Alkane: Str...	22.81	3.5	ng/ul	292334	6	23.51	1664740	20.0